

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) Gear for precision devices comprising at least two toothed wheels (10, 14) cooperating with each other and without any clearance, each wheel having a pitch circle wherein:

- the teeth (12) of one of the wheels (10) are provided with a radial slot (26) which divides them into two first and second half-teeth (22, 24), and
- one of said second half-teeth tooth (24) comprises a recess (28) enabling it to be deformed elastically upon compression,

characterized in that ~~the other half tooth~~ said first tooth (22) is complete and has sufficient rigidity to properly ensure transmission of the forces to which it is subjected in order to have a rigidity greater than that of said first half-tooth.

2. (Currently Amended) Gear according to claim 1, characterized in that said radial slot (26) extends slightly beyond the pitch circle (20) of the wheel.

3. (Currently Amended) Gear according to claim 1, characterized in that, at the tip of the teeth (12), said radial slot (26) has a width substantially corresponding to the clearance that ~~the of a gear would have if it were of the a~~ conventional type.

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4. (Previously presented) Gear according to claim 1, characterized in that said recess (28) enlarges increasingly from the tip of the teeth towards the pitch circle (20) of the wheel.

5. (Currently Amended) Gear according to claim 1, characterized in that the thickness of ~~the hollowed~~ said second half-tooth (24), on the pitch circle (18) of the wheel is substantially half that of the other half-tooth (22).

6. (Currently Amended) Gear according to claim 2, characterized in that, at the tip of the teeth (12), said radial slot (26) has a width substantially corresponding to the clearance that ~~the~~ of a gear would have if it were of the conventional type.

7. (Previously Presented) Gear according to claim 2, characterized in that said recess (28) enlarges increasingly from the tip of the teeth towards the pitch circle (20) of the wheel.

8. (Previously Presented) Gear according to claim 3, characterized in that said recess (28) enlarges increasingly from the tip of the teeth towards the pitch circle (20) of the wheel.

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9. (Previously Presented) Gear according to claim 6, characterized in that said recess (28) enlarges increasingly from the tip of the teeth towards the pitch circle (20) of the wheel.
10. (Currently Amended) Gear according to claim 2, characterized in that the thickness of ~~the hollowed~~ said second half-tooth (24), on the pitch circle (18) of the wheel is substantially half that of ~~the other~~ said first half-tooth (22).
11. (Currently Amended) Gear according to claim 3, characterized in that the thickness of ~~the hollowed~~ said second half-tooth (24), on the pitch circle (18) of the wheel is substantially half that of ~~the other~~ said first half-tooth (22).
12. (Currently Amended) Gear according to claim 4, characterized in that the thickness of ~~the hollowed~~ said second half-tooth (24), on the pitch circle (18) of the wheel is substantially half that of ~~the other~~ said first half-tooth (22).
13. (Currently Amended) Gear according to claim 6, characterized in that the thickness of ~~the hollowed~~ said second half-tooth (24), on the pitch circle (18) of the wheel is substantially half that of ~~the other~~ said first half-tooth (22).

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14. (Currently Amended) Gear according to claim 7, characterized in that the thickness of ~~the hollowed~~ said second half-tooth (24), on the pitch circle (18) of the wheel is substantially half that of ~~the other~~ said first half-tooth (22).

15. (Currently Amended) Gear according to claim 8, characterized in that the thickness of ~~the hollowed~~ said second half-tooth (24), on the pitch circle (18) of the wheel is substantially half that of ~~the other~~ said first half-tooth (22).

16. (Currently Amended) Gear according to claim 9, characterized in that the thickness of ~~t-~~~~the hollowed~~ said second half-tooth (24), on the pitch circle (18) of the wheel is substantially half that of ~~the other~~ said first half-tooth (22).

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